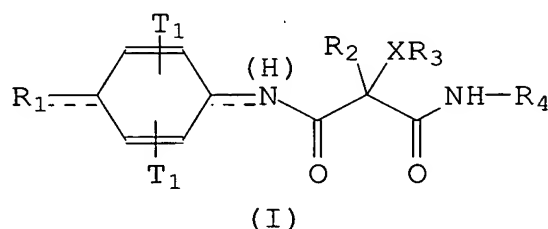


This listing of claims will replace all prior versions and listings of claims in the application.

Listing of Claims:

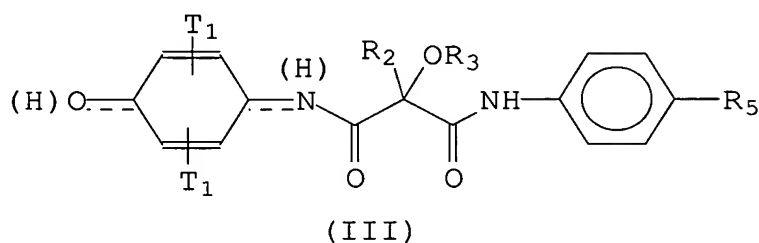
[[1]]1(currently amended). An optionally substituted compound of the formula I or a salt thereof;



wherein R_1 is O or S when double bonded to the ring or is OH, SH, or a protected equivalent, when single bonded to the ring, R_2 is hydrogen or more preferably an C_1 - C_{10} organic group attached by a carbon atom, X is H, O, OO, S or SS R_3 is absent where $X=H$, is hydrogen or is a hydroxyl or thiol protecting group, R_4 is a hetero- or preferably homo-cyclic aryl group, optionally substituted with a further group R_5 and groups T_1 are each, independently, absent, hydrogen or an S- R_6 group, where any/each R_6 is independently an organic group of molecular weight up to around 500 amu.

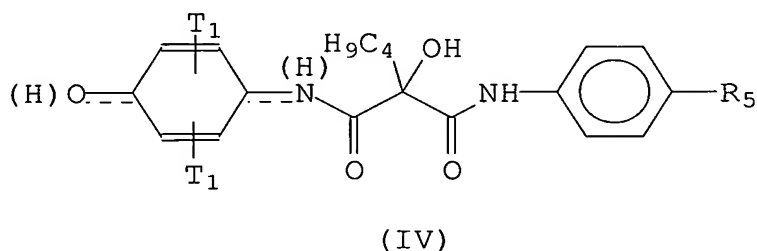
[[2]]2(currently amended). A compound as claimed in claim 1 wherein R_2 is an optionally substituted alkyl, alkenyl, alkynyl, alkaryl, aralkyl, arylsulphonylalkyl or aralkenyl group, R_3 is hydrogen or a C_2 - C_7 , acyl, or alkaryl group, R_5 is an alkyl, alkenyl, alkynyl, OH, O-alkyl, thio, thioalkyl, halo, or primary, secondary, tertiary or quaternary amino group and R_6 is a substituted or unsubstituted alkyl, alkenyl, alkynyl, alkaryl, aralkyl, alkyl ester, alkyl amide, alkyl acid, polyol, sugar, oligo(alkylamide), oligo(alkylester), or oligopeptide group.

~~[[3]]3(currently amended).~~ A compound as claimed in claim 1 ~~or claim 2~~ of formula III;



wherein T_1 , R_2 and R_3 are as described in claim 1 ~~or claim 2~~ and R_5 is hydrogen or an alkyl, alkenyl group, OH, O-alkyl, O-acyl, SH, S-alkyl, S-acyl, halo, or amino group. Preferred R_5 groups are hydrogen, OH and O-acyl.

~~[[4]]4(currently amended).~~ A compound as claimed in ~~any of claims 1 to 3~~ claim 1 of formula IV, or a salt thereof;



wherein R_5 is hydrogen or OH and each T_1 is, independently, H or a glutathione moiety attached via the sulphur atom thereof.

~~[[5]]5(currently amended).~~ A compound as claimed in ~~any of claims 1 to 4~~ claim 1 wherein both T_1 groups are independently thiols, attached by the sulphur atom thereof.

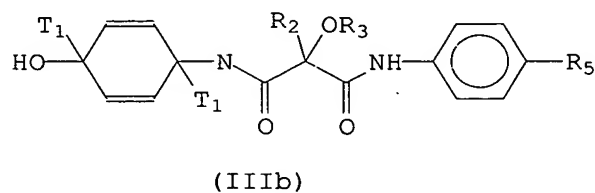
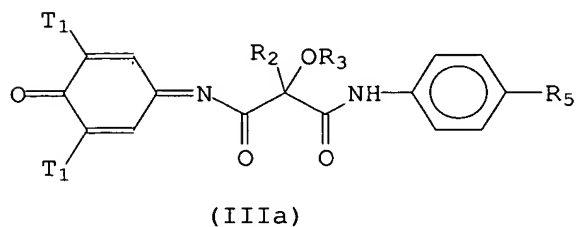
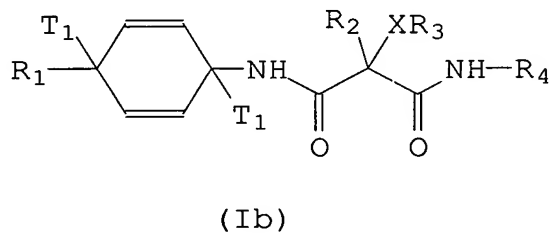
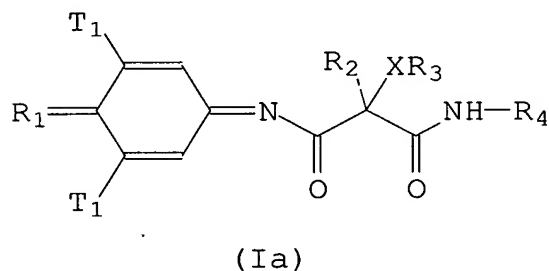
~~[[6]]~~6(currently amended). A compound as claimed in claim 5 wherein both of said thiols are independently glutathione or cysteine.

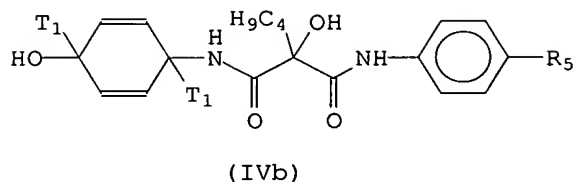
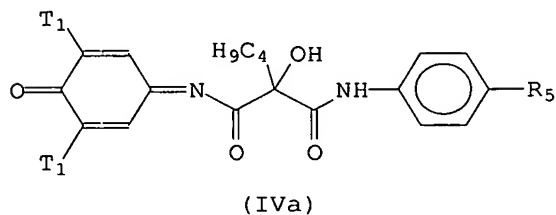
~~[[7]]~~7(currently amended). A compound as claimed in ~~any of claims 1 to 4~~ claim 1 wherein both T₁ groups are hydrogen.

~~[[8]]~~8(currently amended). A compound of ~~any of claims 1 to 7~~ claim 1 wherein the two T₁ groups are independently ortho or meta to group R₁.

~~[[9]]~~9(currently amended). A compound as claimed in ~~any of claims 1 to 7~~ claim 1 wherein one T₁ group is ipso to group R₁ and one T₁ group is para to group R₁.

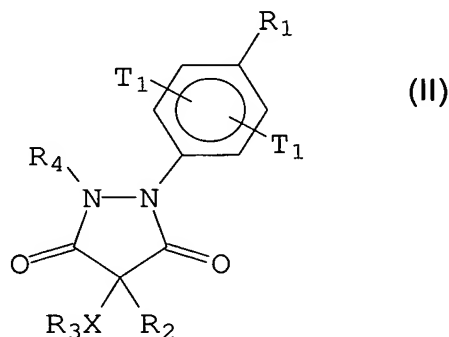
~~[[10]]~~10(currently amended). A compound as claimed in ~~any of calims 1 to 7~~ claim 1 having a formula Ia, Ib, IIIa, IIIb, IVa and/or IVb





wherein R_1 - R_5 , T_1 and X are as defined in ~~any of claims 1 to 7~~ claim 1.

~~[[11]]11(currently amended)~~. A method for the synthesis of a compound as defined in ~~any of claims 1 to 10~~ claim 1 by ring-opening of a starting material of formula II



Wherein T_1 , R_1 , R_2 , R_3 , R_4 and X are as defined in ~~any of claims 1 to 7~~ claim 1, or protected derivatives or precursors thereof.

~~[[12]]12(currently amended)~~. A method of claim 11 wherein the two T_1 groups are independently ortho or meta to group R_1 .

~~[[13]]13(currently amended)~~. A method as claimed in claim 11 ~~or claim 12~~ wherein a compound of formula II having hydrogens at both T_1 positions is subjected

to ring-opening followed by reaction with a thiol to provide a compound as claimed in ~~any of claims 1 to 6 or 8 to 10~~ claim 1 wherein at least one T₁ group is a thiol.

~~[[14]]14~~(currently amended). A method of treatment of a mammalian subject comprising administering a compound as claimed in ~~any of claims 1 to 10~~ claim 1.

~~[[15]]15~~(currently amended). A method for the for treatment, prevention or control of a viral, autoimmune, neoplastic, inflammatory and/or allergic condition, said method comprising administration of a compound as claimed in ~~any of claims 1 to 10~~ claim 1.

~~[[16]]16~~(currently amended). A method of tonic treatment of an aging mammalian subject, or a subject suffering from the aftereffects of infection, disease or treatment, said method comprising administration of a compound as claimed in ~~any of claims 1 to 10~~ claim 1.

~~[[17]]17~~(currently amended). A compound as claimed in ~~any of claims 1 to 10~~ claim 1 for use in therapy.

~~[[18]]18~~(currently amended). The use of a compound as claimed in ~~any of claims 1 to 10~~ claim 1 in the manufacture of a medicament ~~for use in a method as claimed in any of claims 14 to 16~~.

~~[[19]]19~~(currently amended). A pharmaceutical composition comprising a compound as claimed in ~~any of claims 1 to 10~~ claim 1 and at least one pharmaceutically acceptable excipient, carrier or diluent.

~~[[20]]20~~(currently amended). A functional or fortified food comprising a compound as claimed in ~~any of claims 1 to 10~~ claim 1 formulated in an edible food or potable beverage product.